

FEB 22 2005

FAX COVER SHEET

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Attention: Examiner: John J. Lee
Supervising Examiner: Nay Maung
UNITED STATES PATENT AND TRADEMARK OFFICE

Fax: (703) 872-9306
(Tech Center 2684)

Examiner: John J. Lee
Supervising Examiner: Nay Maung

Phone: (703) 306-5936

Phone: (703) 308-7745

Pages: Cover + 1 + 22 = 24

Date: February 22, 2005

Certificate of Transmission

From: Georgann S. Grunebach
Assistant General Counsel, DIRECTV

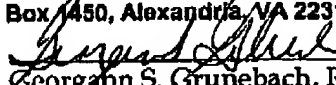
Fax: (310) 964-0941

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I hereby certify that the correspondence identified below is being facsimile transmitted to (703) 872-9314 (PTO Centralized Facsimile Number Tech Center 2600), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 22, 2005.


Georgann S. Grunebach, Reg. No. 33,179


Date

Attention: Commissioner for Patents

Please find attached Re:

Inventor: Arthur w. Wang

Serial No.: 09/702,218

Filed: October 30, 2000

For: LOW COST DESIGN TO DOUBLE NUMBER OF CHANNELS FOR DIRECT BROADCAST SATELLITE SERVICES

- > Amendment Transmittal
- > Amendment Response to PTO Communication of November 19, 2004

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PATENT
Docket No. PD-990302
CUSTOMER NO.: 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

~~MAILED 4-15-05~~

In re Application of: Arthur W. Wang

Date: February 22, 2005

Serial No.: 09/702,218

Group Art Unit: 2684

Filed: October 30, 2000

Examiner: John J. Lee

For: LOW COST DESIGN TO DOUBLE NUMBER OF
CHANNELS FOR DIRECT BROADCAST SATELLITE
SERVICES

TRANSMITTAL LETTER FOR AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: Transmitted herewith is an amendment in the above-identified application.

_____ Applicant petitions for an extension of time for _____ months(s) to respond to the Office Action dated _____. If an additional extension of time is required, please consider this a petition therefor.

_____ An extension for _____ months(s) has already been secured; the fee paid therefor of _____ Fee \$ _____
is deducted from the total fee due for the total months of extension now requested. \$ _____
Extension fee due with this request \$ _____

☒ Applicant believes that no extension of time is required to respond to the Office Action dated November 19, 2004. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

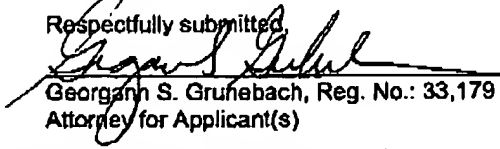
☒ No additional fee for claims is required.

☒ The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED									
CLAIMS REMAINING		HIGHEST NUMBER		PRESENT		ADDITIONAL			
AFTER AMENDMENT		PREVIOUSLY PAID FOR		EXTRA		RATE		FEE	
TOTAL CLAIMS	40	minus	52*	=	0	x	\$ 50.00	\$	-0-
INDEPENDENT CLAIMS	10	minus	13**	=	0	x	\$ 200.00	\$	-0-
MULTIPLE DEPENDENT CLAIMS					0	+	\$ 360.00	\$	-0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:								\$	<u>00.00</u>

Charge \$ 00.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formerly Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

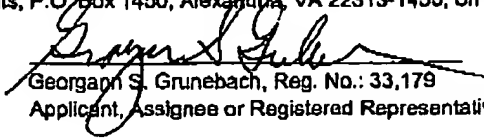
Respectfully submitted


Georgann S. Grunebach, Reg. No.: 33,179
Attorney for Applicant(s)

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The DIRECTV Group, Inc.
Patent Docket Administration
Bldg. R11, M/S A109
PO Box 956
El Segundo, CA 90245-0956
Telephone: 310/864-4615
Date: February 22, 2005


Georgann S. Grunebach, Reg. No.: 33,179
Applicant, Assignee or Registered Representative

February 22, 2005
Date

* If less than 20, insert 20
** If less than 3, insert 3

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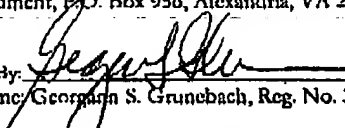
Due Date: February 22, 2005

IN 'THE UNITED STATES PATENT' AND TRADEMARK OFFICE

Applicant:	Arthur W. Wang	Examiner:	John J. Lee
Serial No.:	09/702,218	Group Art Unit:	2684
Filed:	October 30, 2000	Docket No.:	PD-990302
Title:	LOW COST DESIGN TO DOUBLE NUMBER OF CHANNELS FOR DIRECT BROADCAST SATELLITE SERVICES		

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

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By: 
Name: Georgann S. Grunebach, Reg. No. 33,179

Customer No. 020991

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated November 19, 2004, please consider the following remarks.